

# Teacher's Guidelines for 21st Century Skills



## Weld RE-8 School District

Informational Literate Students: Weld RE-8, quoting the Colorado Department of Education, defines technology and information literacy as “the ability to responsibly use appropriate technology to communicate; solve problems; and access, manage, integrate, evaluate, design, and create information to improve learning in all subject areas to acquire life-long knowledge and skills in the 21st century.



### **Informational Literacy**

- Use varied sources and source types
- Choose how information is organized
- Validate information
- Use and share information in a variety of contexts
- Use and share information with a variety of tools/formats



### **Critical Thinking, Problem Solving and Knowledge Acquisition**

- Follow an inquiry based process
- Develop and refine a range of questions to frame the search for new understandings
- Find evaluate and select appropriate sources based on accuracy, validity and appropriateness to specific tasks
- Make sense of information gathered from diverse sources
- Demonstrate mastery of technology tools for accessing information and pursuing inquiry

### **Citizenship in the Digital Age**

- Use information and technology ethically, responsibly and safely by respecting self, others, and learning
- Follow ethical and legal guidelines in gathering and using information by respecting copyright
- Read, view, and listen for information/pleasure and personal growth.
- Adhere to the district Acceptable Use policy as well as other state and federal laws

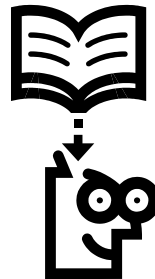
### **Creativity and Invention**

- Apply existing knowledge to generate new ideas, products, or processes
- Assess real-world problems and invent new solutions.
- Use technology and other information tools to analyze and organize information
- Use the writing process, media and visual literacy and technology skills to create products that apply to authentic, real-world contexts
- Draw conclusions, make informed decisions, apply knowledge to new situations and create new knowledge



### **Self Direction**

- Set goals related to learning and monitor one's own understanding and learning needs
- Organize work load/assignments and manage time
- Demonstrate initiative to advance skill levels
- Define, prioritize and complete tasks without direct oversight
- Demonstrate commitment to learning as a lifelong process



### **Communication and Collaboration**

- Participate and collaborate as members of a social and intellectual network of learners
- Use digital networks, technology and other informational tools to organize and display knowledge and understanding in ways that others can view, use, and assess
- Connect learning to community issues
- Use information and technology ethically and responsibly
- Respect the principles of intellectual freedom

